

**ABSTRACT OF THE DISCLOSURE**

Disclosed are a wireless phone and a wireless communication method wherein communication quality estimation is made for both circuit switching and packet communication modes and sound of both the modes is interpolated mutually so as to improve the sound quality.

- 5 The switching between first and second sound signals is performed at intervals of a speech pitch period based on quality information of first and second sound signals, where the first and second signals are received and decoded, respectively, through a first wireless communication in circuit switching mode and a second wireless communication in packet communication mode. A delay control signal is outputted to compensate for the time difference between the first and second
- 10 sound signals, based on the quality information of the two sound signals, and the time difference is compensated for based on the delay control signal.